

1     IN THE CLAIMS:

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3             In the following, Claims 1-6 are amended herein.

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6             Please amend the claims as follows:

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9     Claim 1 (Amended).    A flowline for producing hydrocarbons  
10    from a subsea well that is comprised of a substantially  
11    neutrally buoyant tubular composite umbilical means that  
12    possesses electrical heating means within the tubular walls  
13    of said tubular composite umbilical means to prevent waxes  
14    and hydrates from forming within said flowline and blocking  
15    said flowline, whereby said electrical heating means is  
16    comprised of at least one electrical conductor disposed  
17    within said tubular walls of said composite umbilical means  
18    that conducts electrical current that is used to heat said  
19    tubular composite umbilical means, ~~and~~ whereby said tubular  
20    composite umbilical means that contains any produced  
21    hydrocarbons is substantially neutrally buoyant in the sea  
22    water adjacent to said subsea well , and whereby said  
23    substantially neutrally buoyant tubular composite umbilical  
24    means is anchored to the sea bottom in at least one location.

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27    Claim 2 (Amended).    A method of using a flowline for  
28    producing hydrocarbons from a subsea well that is comprised  
29    of a substantially neutrally buoyant tubular composite  
30    umbilical means that possesses electrical heating means  
31    within the tubular walls of said tubular composite umbilical  
32    means to prevent waxes and hydrates from forming within said  
33    flowline and blocking said flowline, whereby said electrical

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1 heating means is comprised of at least one electrical  
2 conductor disposed within said tubular walls of said  
3 composite umbilical means that conducts electrical current  
4 that is used to heat said tubular composite umbilical means,  
5 and whereby said tubular composite umbilical means that  
6 contains any produced hydrocarbons is substantially neutrally  
7 buoyant in the sea water adjacent to said subsea well , and  
8 whereby said substantially neutrally buoyant tubular  
9 composite umbilical means is anchored to the sea bottom in at  
10 least one location.  
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13 Claim 3 (Amended). A flowline for producing hydrocarbons  
14 from a subsea well that is comprised of a substantially  
15 neutrally buoyant tubular composite umbilical means, whereby  
16 said tubular composite umbilical means that contains any  
17 produced hydrocarbons is substantially neutrally buoyant in  
18 the sea water adjacent to said subsea well , and whereby said  
19 substantially neutrally buoyant tubular composite umbilical  
20 means is anchored to the sea bottom in at least one location.  
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23 Claim 4 (Amended). A flowline for producing hydrocarbons  
24 from a subsea well that is comprised of a positively buoyant  
25 tubular composite umbilical means that possesses electrical  
26 heating means within the tubular walls of said tubular  
27 composite umbilical means to prevent waxes and hydrates from  
28 forming within said flowline and blocking said flowline,  
29 whereby said electrical heating means is comprised of at  
30 least one electrical conductor disposed within said tubular  
31 walls of said composite umbilical means that conducts  
32 electrical current that is used to heat said tubular  
33 composite umbilical means, and whereby said tubular composite

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1 umbilical means that contains any produced hydrocarbons is  
2 positively buoyant in the sea water adjacent to said subsea  
3 well , and whereby said positively buoyant tubular composite  
4 umbilical means is anchored to the sea bottom in at least one  
5 location.  
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8 Claim 5 (Amended). A method of using a flowline for  
9 producing hydrocarbons from a subsea well that is comprised  
10 of a positively buoyant tubular composite umbilical means  
11 that possesses electrical heating means within the tubular  
12 walls of said tubular composite umbilical means to prevent  
13 waxes and hydrates from forming within said flowline and  
14 blocking said flowline, whereby said electrical heating means  
15 is comprised of at least one electrical conductor disposed  
16 within said tubular walls of said composite umbilical means  
17 that conducts electrical current that is used to heat said  
18 tubular composite umbilical means, and whereby said tubular  
19 composite umbilical means that contains any produced  
20 hydrocarbons is positively buoyant in the sea water adjacent  
21 to said subsea well , and whereby said positively buoyant  
22 tubular composite umbilical means is anchored to the sea  
23 bottom in at least one location.  
24  
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26 Claim 6 (Amended). A flowline for producing hydrocarbons  
27 from a subsea well that is comprised of a positively buoyant  
28 tubular composite umbilical means, whereby said tubular  
29 composite umbilical means that contains any produced  
30 hydrocarbons is positively buoyant in the sea water adjacent  
31 to said subsea well , and whereby said positively buoyant  
32 tubular composite umbilical means is anchored to the sea  
33 bottom in at least one location.

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